# Quick Setup Guide

# For the

# Casio/DataCap

# Credit/Debit/Gift Card Interface

CASIO®

datacap systems, inc.

REV B – 8/15/11

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# DataCap Credit Setup

The following pages will contain the **DataCap** setup parameters for the Casio ECR's. The ECR's COM port must be configured in order for the ECR to communicate with the DataCap and process **Credit/Debit/EBT/Gift card** transactions.

**TE-2200/2400**

**TK-3200**

**TE-3000/4500**

**TE-7000/8500**

**QT-6600**

# TE-900/1500 & TK-950/1550

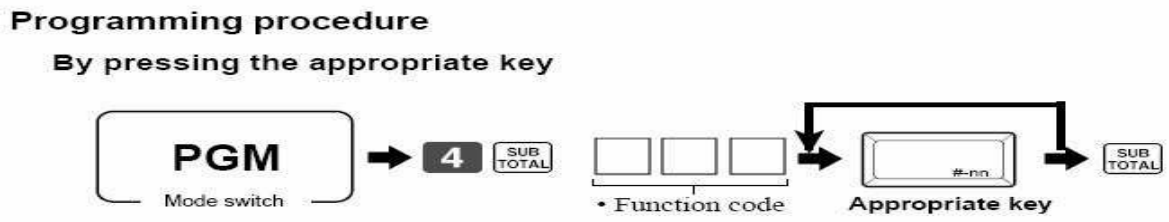
# STEP 1

## Function Key Programming

**Valid Function Keys and Function Codes for Credit/Debit Operations: Any finalize key maybe used as a tendering (Charge, Check & Credit)**

| Function Name | Function Code | Function Description |
|---|---|---|
| Charge | 002 | Tender Key |
| Check | 003 | Tender Key |
| Credit | 004 | Tender Key |
| Manual Account Entry | 105 | Manual entry of CC number |
| Add Gift Card | 170 | Adding a balance to existing gift card |
| Issue Gift Card | 171 | Issue a new gift card |
| Charge Tip | 172 | Adding a tip to a closed CC sale |

## Assigning Function Keys to the Keyboard

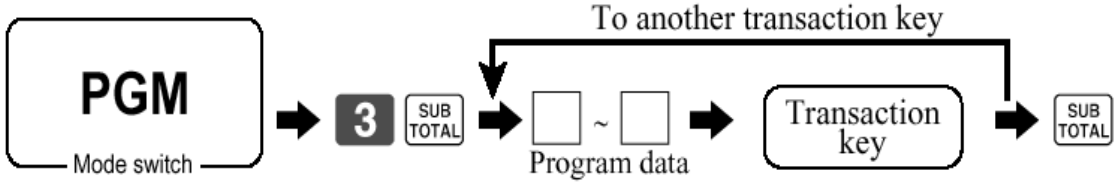



## Function Key Status Settings

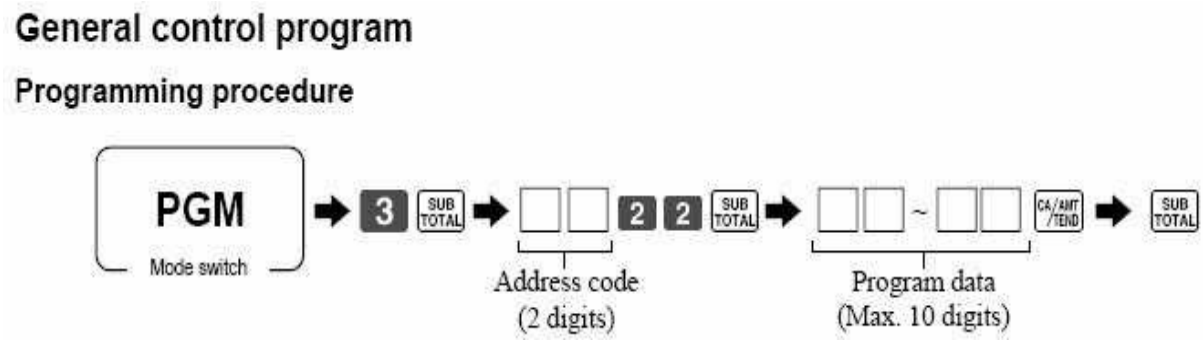
The tender keys must be defined whether they are credit or debit transaction keys.

| Description | Status Bit | Program Setting |
|---|---|---|
| **Credit** | **D13** | **1** |
| **Debit** | **D13** | **3** |
| **Gift Card** | **D13** | **8** |

### Programming procedure



# Step 2



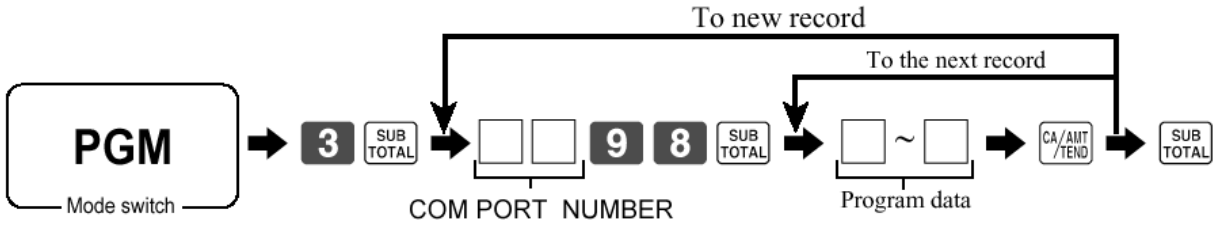

Address Code #2222

| | | |
|---|---|---|
| **D3** | **Print Tip Total Line on Receipt** | **= 4** |
| | **Charge Tip Chit to Print** | **= 2** |
| | **Ask Cashier for Charge Tip** | **= 1** |

# Step 3

**I/O parameter programming**

**Programming procedure**




**Note: Please perform the following procedure after this program.**

1. Power off the register, and connect all peripheral devices to COM ports.
2. Power on all peripheral devices.
3. Flag clear the register.

**Flag Clear Operation:**

a. Turn the **Mode Lock key** to the **OFF** position
b. Hold down the **Receipt Feed** key and turn the **Mode lock key** (PGM key required) to the **PGM** position
c. Release the Receipt Feed key
d. **FC** would appear on the 1st line of the operator display and **FFFFFFFFFFF**'s will appear on the 2nd line, when these appear hit the **SUBTOTAL** key to complete the Flag Clear

**Note:** Com Port Number is the physical Com port that has the DataCap 162SL unit connected.

**Program Data** = 100000000014000 (credit/debit)
= 200000000014000 (credit/no debit)
= 200010000014000 (gift/credit/no debit)

**Example:** Connecting the DataCap 162SL to Com port #2 the program procedure would be as follows:

1) Turn the Program Mode key to the **PGM Mode**
2) Enter **3** and hit the **Subtotal Key**
3) Enter **298** and hit the **Subtotal Key**
4) Enter **the one of the Program values above**, depress the **Cash Key** and then the **Subtotal Key**

# Credit Card Commands

1) DataCap's credit/debit card command set is accessible through PGM 7. These commands include Opening and Closing Batch's, Batch Status, Transaction Report etc… To operate the various commands please refer to the sequence and list below:

**XX =**

## Basic Operational Commands

43**16** = Open Batch
43**17** = Close Batch
43**18** = Change Batch#
43**19** = Local Batch Status
43**20** = Local Transaction Report
43**21** = Void Sale
43**22** = Void Credit Sale
43**23** = Post Authorization

- **OPEN BATCH** – this option opens a credit card batch to start the day. In order to use credit cards with the DataCap a batch must be opened first.
- **CLOSE BATCH** – This option will close the batch with the customer's processor at the end of the day. This option when run both closes, clears a batch and automatically opens a new batch.
- **CLEAR BATCH** – this will clear a batch at the end of the day after you have closed the batch in the option above.
- **CHANGE BATCH NUMBER** – this option will allow a batch number to be changed.
- **LOCAL BATCH STATUS** – this option checks on status of the current batch.
- **LOCAL TRANSACTION REPORT** – this will print each transaction in the current batch.
- **INITIALIZE LOCAL CREDIT SWIPE** – this will initialize magnetic stripe reader used on the machine.
- **VOID/POST AUTHORIZATION** – this has a dual function, first it allows you to VOID a transaction in the batch file, secondly it allows you to input transactions that were post authorized (authorization that was done if the credit card system was down).
- **CHECK GIFT CARD BALANCE** – allows you to check the balance remaining a customer's gift card.

- **DATACAP DIAL IN/OUT DEVICE LOAD** – is a utility that sets the DataTran ML in a receive mode to accept a down load of new software settings from DataCap.

## Special Commands

43**11** = Dial In
43**12** = Dial Out
43**13** = List Installed Networks
43**14** = Local Totals
43**15** = Clear Batch

- **Dial-In** – is used to change the existing parameters in the Datacap box. This option is used if Datacap is sending the new parameters. This option sets the DataTran up to accept to new load.
- **Dial-Out** – is used to have the DataTran go and retrieve the new load. Using this command requires program changes prior to using this. Follow the steps below to make the necessary changes for your customer install:
  - PGM 2
  - 496 Subtotal
  - Enter AT&UH pppppppppp ######## 1 (p=phone number to access new load, #=customer's load number)
  - Both the phone number and load number would be issued by Datacap.
- **List Installed network** - will print the network being used with this customer.
- **Local Totals** – is a report that will print a summary by credit card type.
- **Clear Batch** – will clear all data in the current batch. Please note, once this operation is run and the batch is cleared there is no procedure to recover that data. Proceed with this option in caution.

# TE-2200/2400

**TE-2400**

**TE-2200**

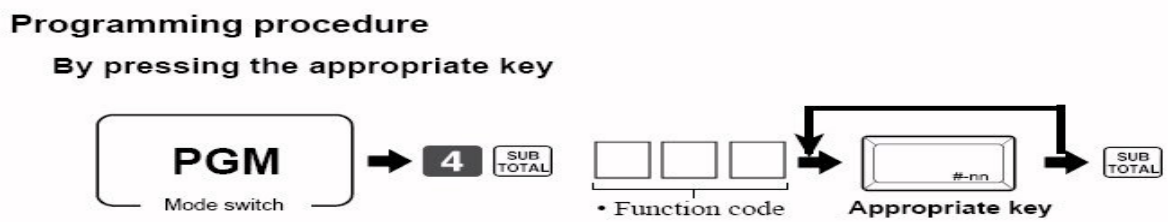
# STEP 1

## Function Key Programming

**Valid Function Keys and Function Codes for Credit/Debit Operations:**
**Any finalize key maybe used as a tendering (Charge, Check & Credit)**

| Function Name | Function Code | Function Description |
|---|---|---|
| Charge | 002 | Tender Key |
| Check | 003 | Tender Key |
| Credit | 004 | Tender Key |
| Manual Account Entry | 105 | Manual entry of CC number |
| Add Gift Card | 170 | Adding a balance to existing gift card |
| Issue Gift Card | 171 | Issue a new gift card |
| Charge Tip | 172 | Adding a tip to a closed CC transaction |

### Assigning Function Keys to the Keyboard

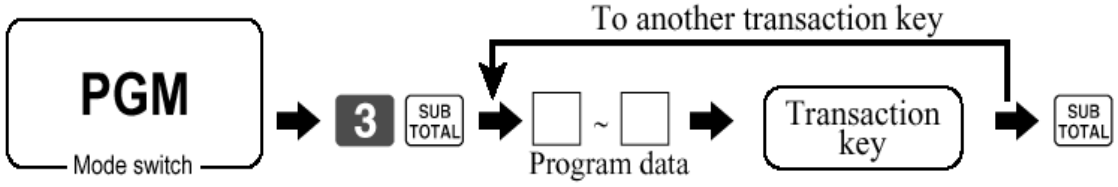



### Function Key Status Settings

The tender keys must be defined whether they are credit or debit transaction keys.

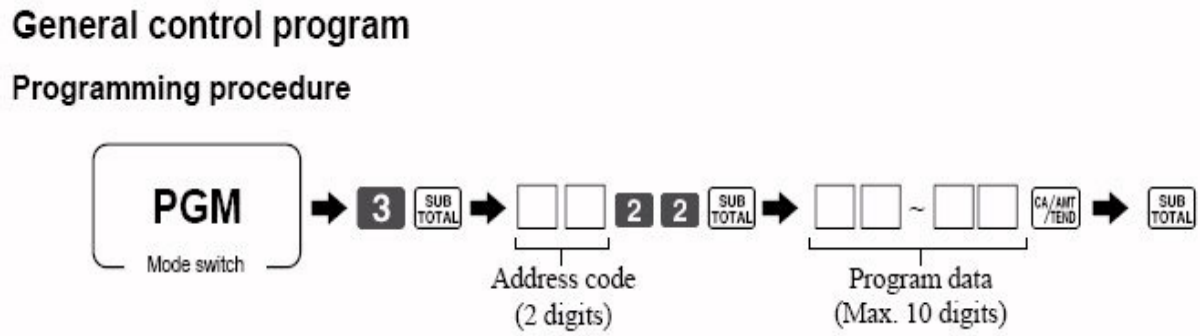
| Description | Status Bit | Program Setting |
|---|---|---|
| **Credit** | **D5** | **1** |
| **Discover** | **D5** | **2** |
| **Debit** | **D5** | **3** |
| **Check** | **D5** | **4** |
| **Food Stamp** | **D5** | **6** |
| **EBT Cash** | **D5** | **7** |
| **Gift Card** | **D5** | **8** |

### Programming procedure



# Step 2

## Additional Programming Settings




### Address Code # 1722

**D9:**

| | |
|---|---|
| **Print chit on Charge Tip operation** | **= 4** |
| **Do not print chit on Charge tip operation** | **= 0** |

**D8-D3** **Always 0**

**D2:**

| | |
|---|---|
| **Print Credit Card Account # on receipt** | **= 1** |
| **No printing of Credit Card Account # on receipt** | **= 0** |
| **Print Credit Card Account # on store chit** | **= 2** |
| **No printing of Credit Card Account # on store chit** | **= 0** |

**D1:**

| | |
|---|---|
| **Print Debit Card Account # on receipt** | **= 1** |
| **No printing of Debit Card Account # on receipt** | **= 0** |
| **Print Debit Card Account # on store chit** | **= 2** |
| No printing of Debit Card Account # on store chit | = 0 |

### Address Code #2022

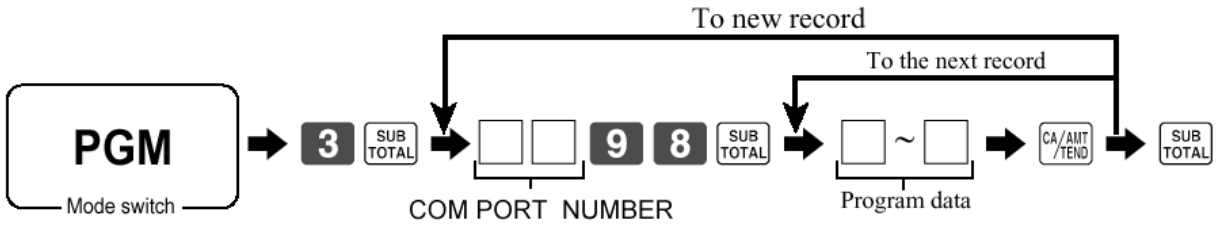
**D1**

| | |
|---|---|
| **Print Tip Total Line on Receipt** | **=1** |

# Step 3

**I/O parameter programming**

**Programming procedure**




**Note: Please perform the following procedure after this program.**

1. Power off the register, and connect all peripheral devices to COM ports.
2. Power on all peripheral devices.
3. Flag clear the register.

**Flag Clear Operation:**

e. Turn the **Mode Lock key** to the **OFF** position
f. Hold down the **Receipt Feed** key and turn the **Mode lock key** (PGM key required) to the **PGM** position
g. Release the Receipt Feed key
h. **FC** would appear on the 1st line of the operator display and **FFFFFFFFFFF**'s will appear on the 2nd line, when these appear hit the **SUBTOTAL** key to complete the Flag Clear

**Note:** Com Port Number is the physical Com port that has the DataCap 162SL unit connected.

**Program Data** = 100000000014000 (credit/debit)
= 200000000014000 (credit/no debit)
= 200010000014000 (gift/credit/no debit)

**Example:** Connecting the DataCap 162SL to Com port #2 the program procedure would be as follows:

5) Turn the Program Mode key to the **PGM Mode**
6) Enter **3** and hit the **Subtotal Key**
7) Enter **298** and hit the **Subtotal Key**
8) Enter **the one of the Program values above**, depress the **Cash Key** and then the **Subtotal Key**

# Credit Card Commands

2) DataCap's credit/debit card command set is accessible through PGM 7. These commands include Opening and Closing Batch's, Batch Status, Transaction Report etc… To operate the various commands please refer to the sequence and list below:

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- **INITIALIZE LOCAL CREDIT SWIPE** – this will initialize magnetic stripe reader used on the machine.
- **VOID/POST AUTHORIZATION** – this has a dual function, first it allows you to VOID a transaction in the batch file, secondly it allows you to input transactions that were post authorized (authorization that was done if the credit card system was down).
- **CHECK GIFT CARD BALANCE** – allows you to check the balance remaining a customer's gift card.

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- **Dial-Out** – is used to have the DataTran go and retrieve the new load. Using this command requires program changes prior to using this. Follow the steps below to make the necessary changes for your customer install:
  - PGM 2
  - 496 Subtotal
  - Enter AT&UH ppppppppppp ######## 1 (p=phone number to access new load, #=customer's load number)
  - Both the phone number and load number would be issued by Datacap.
- **List Installed network** - will print the network being used with this customer.
- **Local Totals** – is a report that will print a summary by credit card type.
- **Clear Batch** – will clear all data in the current batch. Please note, once this operation is run and the batch is cleared there is no procedure to recover that data. Proceed with this option in caution.

# TK-3200

# Step 1

## Function Key Programming

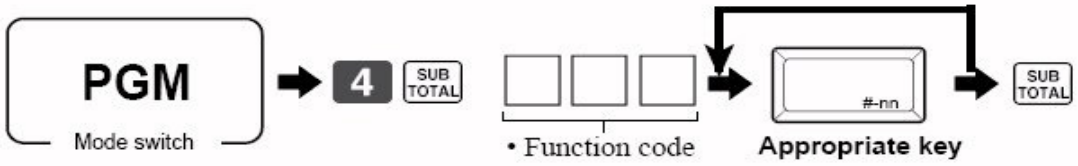
**Valid Function Keys and Function Codes for Credit/Debit Operations:**
**Any finalize key maybe used as a tendering (Charge, Check & Credit)**

| Function Name | Function Code | Function Description |
|---|---|---|
| Charge | 002 | Tender Key |
| Check | 003 | Tender Key |
| Credit | 004 | Tender Key |
| Manual Account Entry | 105 | Manual entry of CC number |
| Add Gift Card | 170 | Adding a balance to existing gift card |
| Issue Gift Card | 171 | Issue a new gift card |
| Charge Tip | 172 | Adding a tip to a closed CC transaction |

### Assigning Function Keys to the Keyboard

**Programming procedure**

**By pressing the appropriate key**

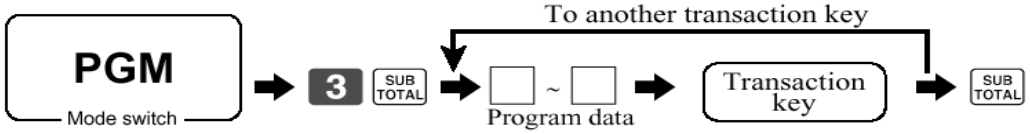



### Function Key Status Settings

The tender keys must be defined whether they are credit or debit transaction keys.

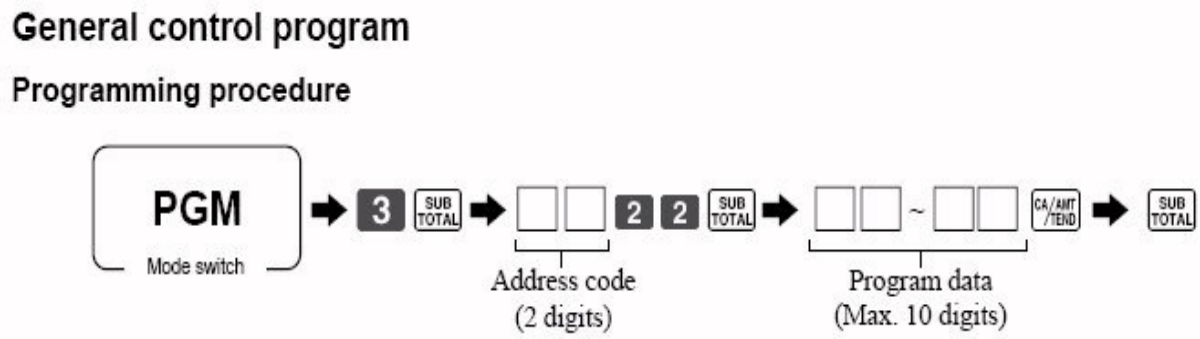
| Description | Status Bit | Program Setting |
|---|---|---|
| **Credit** | **D5** | **1** |
| **Discover** | **D5** | **2** |
| **Debit** | **D5** | **3** |
| **Check** | **D5** | **4** |
| **Food Stamp** | **D5** | **6** |
| **EBT Cash** | **D5** | **7** |
| **Gift Card** | **D5** | **8** |

**Programming procedure**



# Step 2

## Additional Programming Settings




### Address Code # 1722

**D9:**

| | |
|---|---|
| **Print chit on Charge Tip operation** | **= 4** |
| **Do not print chit on Charge tip operation** | **= 0** |

**D8-D3** **Always 0**

**D2:**

| | |
|---|---|
| **Print Credit Card Account # on receipt** | **= 1** |
| **No printing of Credit Card Account # on receipt** | **= 0** |
| **Print Credit Card Account # on store chit** | **= 2** |
| **No printing of Credit Card Account # on store chit** | **= 0** |

**D1:**

| | |
|---|---|
| **Print Debit Card Account # on receipt** | **= 1** |
| **No printing of Debit Card Account # on receipt** | **= 0** |
| **Print Debit Card Account # on store chit** | **= 2** |
| **No printing of Debit Card Account # on store chit** | **= 0** |

### Address Code #2022

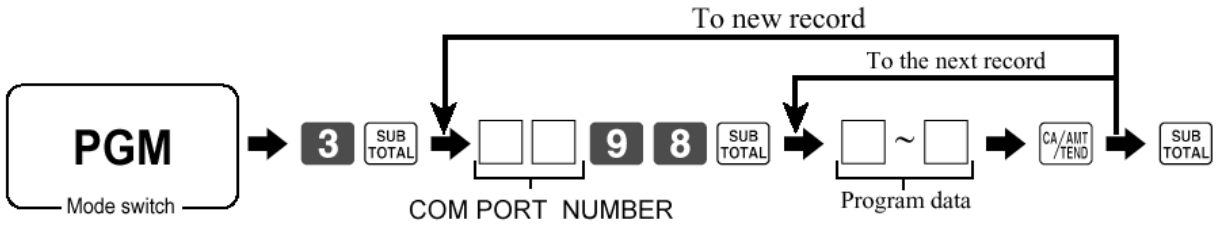
**D1**

| | |
|---|---|
| **Print Tip Total Line on Receipt** | **=1** |

# Step 3

**I/O parameter programming**

**Programming procedure**




**Note: Please perform the following procedure after this program.**

1. Power off the register, and connect all peripheral devices to COM ports.
2. Power on all peripheral devices.
3. Flag clear the register.

**Flag Clear Operation:**

a. Turn the machine's power OFF (power switch is located in the back, right hand side of the machine).
b. Turn the **Mode Lock key** to the **PGM** position (PGM key required)
c. Hold down the **Receipt Feed** key and turn the machine's power ON
d. Release the Receipt Feed key
i. **FC** would appear on the 1st line of the operator display and **FFFFFFFFFFFF**'s will appear on the 2nd line, when these appear hit the **SUBTOTAL** key to complete the Flag Clear

**Note:** Com Port Number is the physical Com port that has the DataCap 162SL unit connected.

**Program Data** = 100000000014000 (debit)
= 200000000014000 (no debit)
= 200010000014000 (gift/credit/no debit)

**Example:** Connecting the DataCap 162SL to Com port #2 the program procedure would be as follows:

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# TE-3000/4500

# Step 1

## Function Key Programming

**Valid Function Keys and Function Codes for Credit/Debit Operations:**
**Any finalize key maybe used as a tendering (Charge, Check & Credit)**

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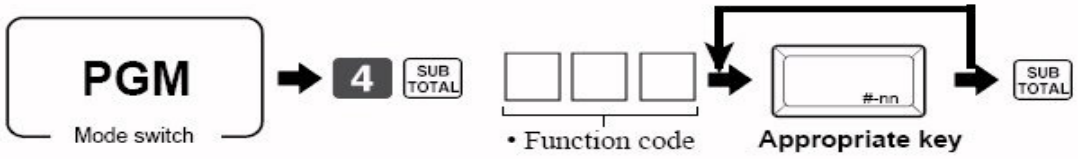
**By pressing the appropriate key**

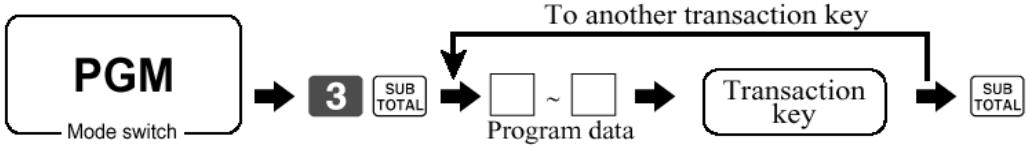



### Function Key Status Settings

The tender keys must be defined whether they are credit or debit transaction keys.

| Description | Status Bit | Program Setting |
|---|---|---|
| **Credit** | **D5** | **1** |
| **Discover** | **D5** | **2** |
| **Debit** | **D5** | **3** |
| **Check** | **D5** | **4** |
| **Food Stamp** | **D5** | **6** |
| **EBT Cash** | **D5** | **7** |
| **Gift Card** | **D5** | **8** |

**Programming procedure**

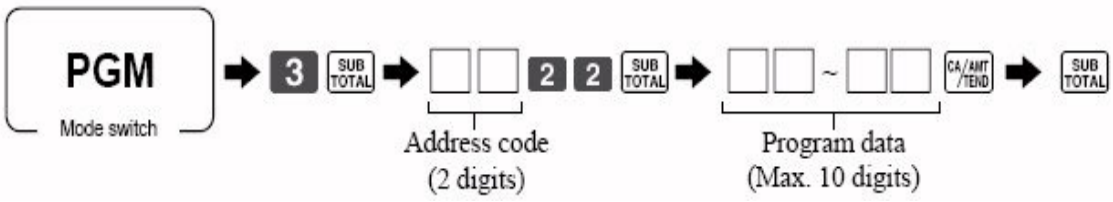


# Step 2

## Additional Programming Settings

General control program

Programming procedure




### Address Code # 1722

**D9:**

| | |
|---|---|
| **Print chit on Charge Tip operation** | **= 4** |
| **Do not print chit on Charge tip operation** | **= 0** |

**D8-D3** **Always 0**

**D2:**

| | |
|---|---|
| **Print Credit Card Account # on receipt** | **= 1** |
| **No printing of Credit Card Account # on receipt** | **= 0** |
| **Print Credit Card Account # on store chit** | **= 2** |
| **No printing of Credit Card Account # on store chit** | **= 0** |

**D1:**

| | |
|---|---|
| **Print Debit Card Account # on receipt** | **= 1** |
| **No printing of Debit Card Account # on receipt** | **= 0** |
| **Print Debit Card Account # on store chit** | **= 2** |
| **No printing of Debit Card Account # on store chit** | **= 0** |

### Address Code #2022

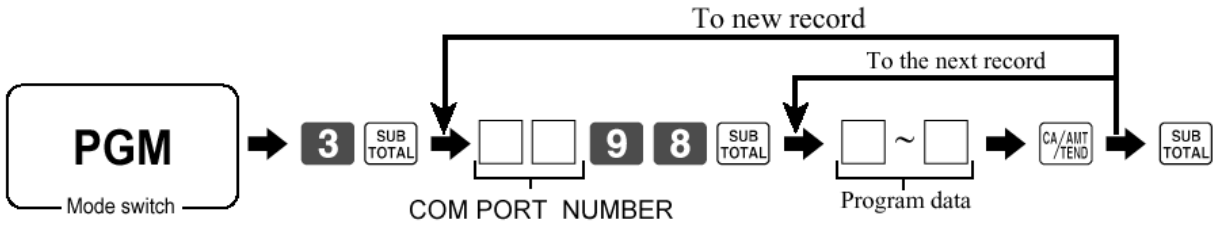
**D1**

| | |
|---|---|
| **Print Tip Total Line on Receipt** | **=1** |

# Step 3

**I/O parameter programming**

**Programming procedure**




**Note: Please perform the following procedure after this program.**

1. Power off the register, and connect all peripheral devices to COM ports.
2. Power on all peripheral devices.
3. Flag clear the register.

**Flag Clear Operation:**

a. Turn the machine's power OFF (power switch is located in the back, right hand side of the machine).
b. Turn the **Mode Lock key** to the **PGM** position (PGM key required)
c. Hold down the **Receipt Feed** key and turn the machine's power ON
d. Release the Receipt Feed key
**e.** **FC** would appear on the 1st line of the operator display and **FFFFFFFFFFFF**'s will appear on the 2nd line, when these appear hit the **SUBTOTAL** key to complete the Flag Clear

**Note:** Com Port Number is the physical Com port that has the DataCap 162SL unit connected.

**Program Data** = 100000000014000 (debit)
**=** 200000000014000 (no debit)
**=** 200010000014000 (gift/credit/no debit)

**Example:** Connecting the DataCap 162SL to Com port #2 the program procedure would be as follows:

5) Turn the Program Mode key to the **PGM Mode**
6) Enter **3** and hit the **Subtotal Key**
7) Enter **298** and hit the **Subtotal Key**
12)Enter a value from above, depress the **Cash Key** and then the **Subtotal Key**

# Credit Card Commands

DataCap's credit/debit card command set is accessible through PGM 7. These commands include Opening and Closing Batch's, Batch Status, Transaction Report etc… To operate the various commands please refer to the sequence and list below:

**XX =**

## Basic Operational Commands

43**16** = Open Batch
43**17** = Close Batch
43**18** = Change Batch#
43**19** = Local Batch Status
43**20** = Local Transaction Report
43**21** = Void Sale
43**22** = Void Credit Sale
43**23** = Post Authorization

- **OPEN BATCH** – this option opens a credit card batch to start the day. In order to use credit cards with the DataCap a batch must be opened first.
- **CLOSE BATCH** – This option will close the batch with the customer's processor at the end of the day. This option when run both closes, clears a batch and automatically opens a new batch.
- **CLEAR BATCH** – this will clear a batch at the end of the day after you have closed the batch in the option above.
- **CHANGE BATCH NUMBER** – this option will allow a batch number to be changed.
- **LOCAL BATCH STATUS** – this option checks on status of the current batch.
- **LOCAL TRANSACTION REPORT** – this will print each transaction in the current batch.
- **INITIALIZE LOCAL CREDIT SWIPE** – this will initialize magnetic stripe reader used on the machine.
- **VOID/POST AUTHORIZATION** – this has a dual function, first it allows you to VOID a transaction in the batch file, secondly it allows you to input transactions that were post authorized (authorization that was done if the credit card system was down).

## Special Commands

43**11** = Dial In
43**12** = Dial Out
43**13** = List Installed Networks
43**14** = Local Totals
43**15** = Clear Batch

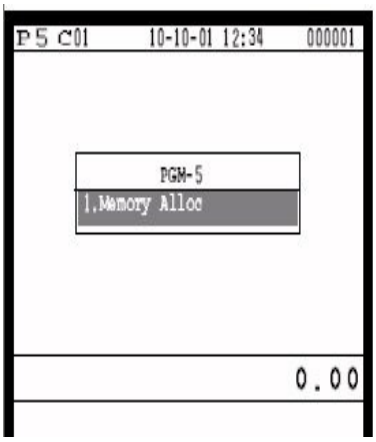
- **Dial-In** – is used to change the existing parameters in the Datacap box. This option is used if Datacap is sending the new parameters. This option sets the DataTran up to accept to new load.
- **Dial-Out** – is used to have the DataTran go and retrieve the new load. Using this command requires program changes prior to using this. Follow the steps below to make the necessary changes for your customer install:
  - PGM 2
  - 496 Subtotal
  - Enter AT&UH ppppppppppp ######## 1 (p=phone number to access new load, #=customer's load number)
  - Both the phone number and load number would be issued by Datacap.
- **List Installed network** - will print the network being used with this customer.
- **Local Totals** – is a report that will print a summary by credit card type.
- **Clear Batch** – will clear all data in the current batch. Please note, once this operation is run and the batch is cleared there is no procedure to recover that data. Proceed with this option in caution.

# TE-7000/8500

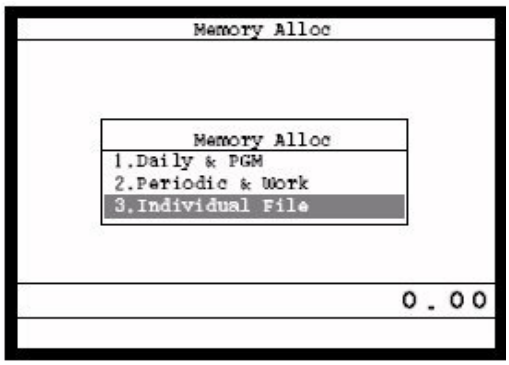
There are several steps required to setup the DataCap interface on the TE-7000/8500 in Program 5, 4 and 3. What follows are the required setup steps:

# Step 1

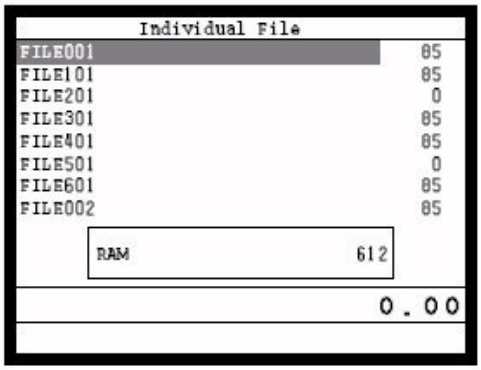
## PROGRAM 5




1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or "5" <PGM MODE> to assign Program 5 mode.




Select "3. Individual File" and press the <YES> key




Select the file number you want to change and enter record number you want to allocate ("0" means file deletion). Press the <ESC> key to return to the previous menu.

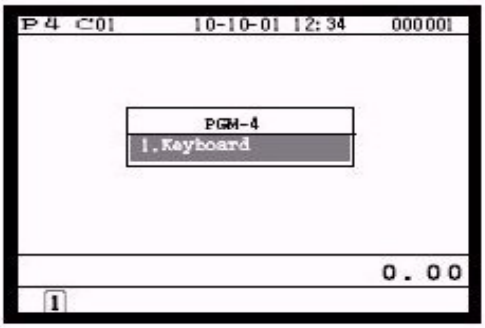
A) Depress the **PAGE DOWN** key several times until you reach the bottom of the file.
B) Locate and highlight **File 805**, enter 200 and depress the YES key.
C) Depress the **ESC** key twice to return to the PGM 5 menu.

# Step 2

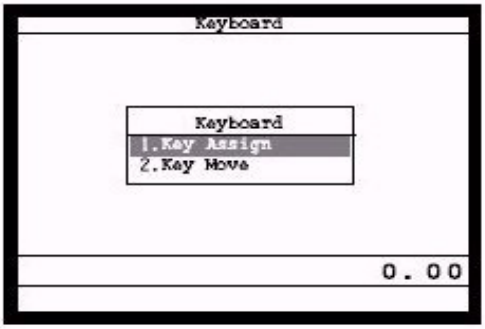
## PROGRAM 4

### 3-1. Programming key allocation

Operation:

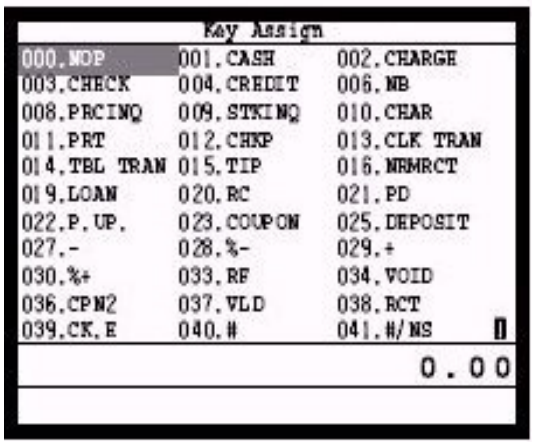



1) Sign-on a clerk (if necessary)
2) Press <PGM MODE> repeatedly or "4" <PGM MODE> to assign Program 4 mode.




3) Press the <YES> key

4) Select "1" Key Assign and press the <YES> key




5) Highlight an appropriate function (refer to the list of functions on the next page), press the <YES> and press the desired key on the keyboard.
Or, select an appropriate function by the function code (refer to Program 4 section of the Program manual for a complete list) and depress desired key.
Or, enter record number (4 digits) (refer to PGM 6 section of the Program manual to print out function file and record #) followed by the 3-digit function code and press the desired key.

6) Press the <ESC> key to return to the previous screen

# Credit Card Related Function Keys

The finalize keys listed below can be used for online transaction processing. Below are the list of functions used for credit/debit/EBT/Food Stamp/Gift card transactions.

| Function Key | Function Code | Function Description |
|---|---|---|
| Charge | 002 | Tender Key |
| Check | 003 | Tender Key |
| Credit | 004 | Tender Key |
| #/Expiration | 253 | Manual entry of CC number |
| Charge Tip | 256 | Adding a tip amount to a finalized CC |
| Add Gift Card | 255 | Add a balance to existing Gift card |
| Issue Gift Card | 257 | Issue a new Gift Card |

**NOTE:** You can program as many tenders keys as you need on the keyboard to represent the various electronic tenders your customer might accept.

# Step 3

## PROGRAM 3

### Function Key Status Settings

The tender keys must be defined for credit, debit, gift or check . The following program sequence is the procedure to define the electronic tender keys.

### 4-3. Programming key features

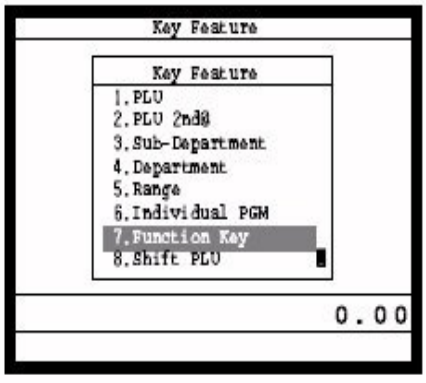
**Preparation:**

1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or "3" <PGM MODE> to assign Program 3 mode.

3. Select "3. Key Feature" and press the <YES> key.

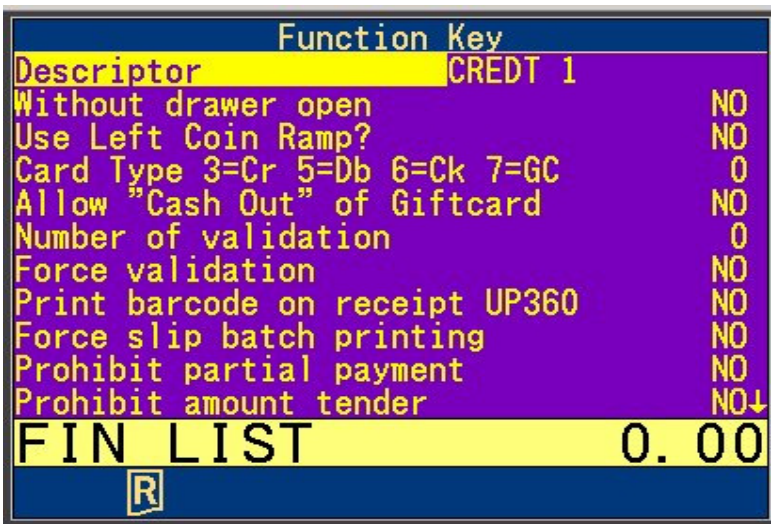
### 4-3-7 Programming key function program

**Operation**




4. Select "7. Function Key" and press the <YES> key.

5) Depress the finalize key (credit, check or charge) to program and the following screen will appear.


Function Key
Descriptor CREDT 1
Without drawer open NO
Use Left Coin Ramp? NO
Card Type 3=Cr 5=Db 6=Ck 7=GC 0
Allow "Cash Out" of Giftcard NO
Number of validation 0
Force validation NO
Print barcode on receipt UP360 NO
Force slip batch printing NO
Prohibit partial payment NO
Prohibit amount tender NO
FIN LIST 0.00
R

6) Depress the YES key when to DESCRIPTOR field is highlighted to assign a name (16 character max.) to this key (the descriptor programmed appears on reports and program print outs).
7) Using the DOWN ARROW key highlight the CARD TYPE field. This field is used to define the type of card, for DataCap purposes, that this key will represent. Enter the corresponding number below that represents the functionality of the key:

    1 = EBT Food Stamp
    2 = EBT Cash
    3 = Credit
    4 = Discover
    5 = Debit
    6 = Check Verification
    7 = Gift Card

# Step 4

## Program 3

### Machine Features

There are 3 things that need to be done in the Machine Feature/General Feature area. The **first** is in I/O Parameters to define the services being utilized, **second**, lock out General Features from being broadcast through the network in Auto Program Control and **third**, in General Features is to define the Credit Master.

### 4-1. Programming machine features

**Preparation:**

1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or "3" <PGM MODE> to assign Program 3 mode.

3. Select "1. Machine Feature" and press the <YES> key.

### 4-1-12 Programming I/O parameter

**Operation**

**Note: Please perform the flag clear operation of the terminal after changing the I/O parameter table.**

4. Select "12. I/O Parameter" and press the <YES> key.

Eighth record DataCap PDC unit (0008-902)

| Description | Choice | Program code |
|---|---|---|
| PDC unit program parameters | | D10 thru D1 |

In the **Eighth record** the following numbers should be programmed:

**Program Code** - 8000000**C**3 (no debit)
- 10000000**C**3 (with debit)
- 8100000**C**3 (gift card with no debit)
- 10100000**C**3 (gift card with debit)

**NOTE: C** = the COM port the **PDC** is connected to, either COM ports 2,3 or 4

Seventeenth record (DataCap 162 ML/SL) (0017-902)

| Description | Choice | Program code |
|---|---|---|
| ML/SL unit program parameters | | D10 thru D1 |

In the **Seventeenth record** the following numbers should be programmed:

**Program Code** - 8000000**C**3 (no debit)
- 10000000**C**3 (with debit)
- 8100000**C**3 (gift card with no debit)
- 10100000**C**3 (gift card with debit)

**NOTE: C** = the COM port the **ML/SL** is connected to, either COM ports 2,3 or 4

**NOTE: A Flag Clear operation must be performed after changing any information in the I/O Parameter file.**

## FLAG CLEAR OPERATION:

1) Turn off the machine (power switch located in the rear, right hand side of the machine)
2) Hold down the RECEIPT FEED button and turn the power ON
3) Release the RECEIPT FEED key once the display comes ON
4) Depress the SUBTOTAL key
5) When the FLAG CLEAR screen option appears, depress YES to finish Flag Clear operation

# Step 5

## Auto Program Control

It is strongly recommended that the Auto Program Control File be programmed to lock out the **General Features** file from being sent and received between machines. **Auto Program Control** gives you the ability to lock out particular from being sent between machines.

The reason for this suggestion is the Credit Master has a feature activated that other machine's in the system do not. When this Credit Master feature is sent to other machines in the system it will create a conflict on the network when electronic payment transactions are performed.

### 4-1. Programming machine features

**Preparation:**

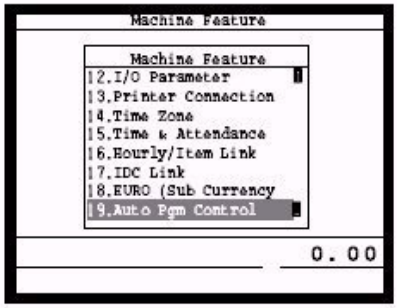
1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or "3" <PGM MODE> to assign Program 3 mode.

3. Select "1. Machine Feature" and press the <YES> key.

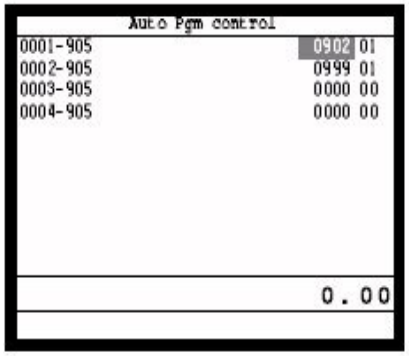
### 4-1-19 Programming auto program control

This program restricts the broadcasting / receiving feature after programming.

**Operation**




4. Select Auto Pgm control" and press the <YES> key.




5. Select an appropriate record, and enter the program code.
6. Press the <ESC> key to return to the previous menu.

**Worksheet for Auto program control program**

| Description | Choice | Program code |
|---|---|---|
| File No. | Significant numbers | $D_6$ $D_5$ $D_4$ $D_3$ |
| Broadcast this file (designated by $D_6 \sim D_3$) only. | No = 0<br>Yes = 1 | $D_2$ |
| Ignore to receive this file (designated by $D_6 \sim D_3$). | No = 0<br>Yes = 1 | $D_1$ |

To program the General Feature files not to be sent or received follow the steps below:

a) Move the cursor, using the Down Arrow key, to the next available blank line
b) Enter **0022** and hit the YES key, (the file number is found in the Memory Allocation section of the Program Manual – 022 = General Control)
c) The cursor will move to the 2nd column enter **01** to have this file not to be received or sent.

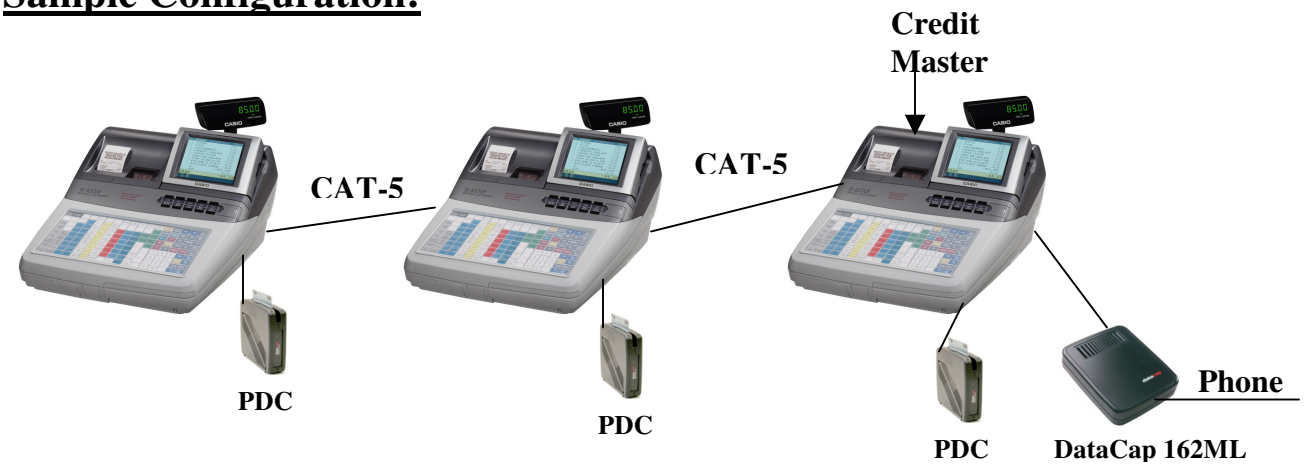
# Step 6

## Communications

The **Communication** file is found under **General Features**. In this file is the setting to tell a particular terminal in the system that it is the **Credit Master.** The Credit Master is the terminal that has the DataCap 162 ML/SL connected to it. When a electronic payment transaction is performed on a terminal in the system the payment transaction is sent to the Credit Master which in turn sends the request to the DataCap device connected to it. When the request returns from the processor via DataCap the Credit Master sends the response to the terminal that originally sent the request for finalization.

**NOTE: There can only be 1 Credit Master in the system.**

## Sample Configuration:



## 4-1. Programming machine features

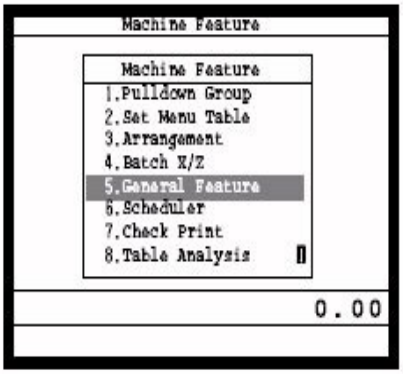
**Preparation:**

1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or "3" <PGM MODE> to assign Program 3 mode.

3. Select "1. Machine Feature" and press the <YES> key.

## 4-1-5 Programming the general feature

**Operation**



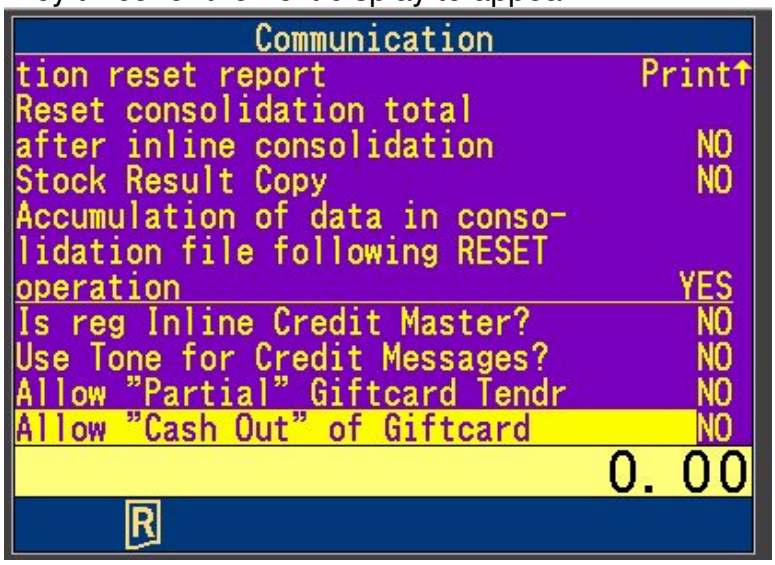

4. Select "5. General Feature" and press the <YES> key.

## 4-1-5-8 Programming the communication

**Operation**

5. Select "8. Communication" and press the <YES> key.

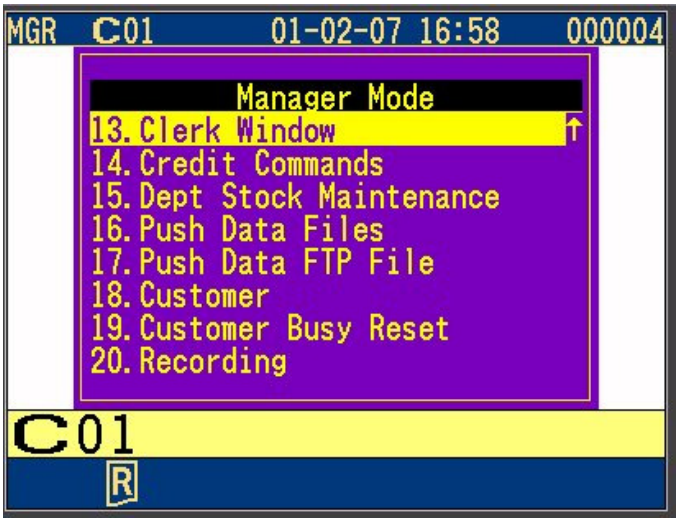
After selecting **COMMUNICATION** from the screen above depress the **PAGE DOWN** key twice for the next display to appear.




Using the ARROW key highlight the "**IS REG INLINE CREDIT MASTER**" line and depress YES (**only** on the machine that has the DataCap ML/SL connected to it).

# Credit Card Reports

There is an option on the Manager Mode screen called Credit Commands that has all the options related to Credit card transactions that include Reports, Opening, Clearing & Closing Batches and other options discussed below.

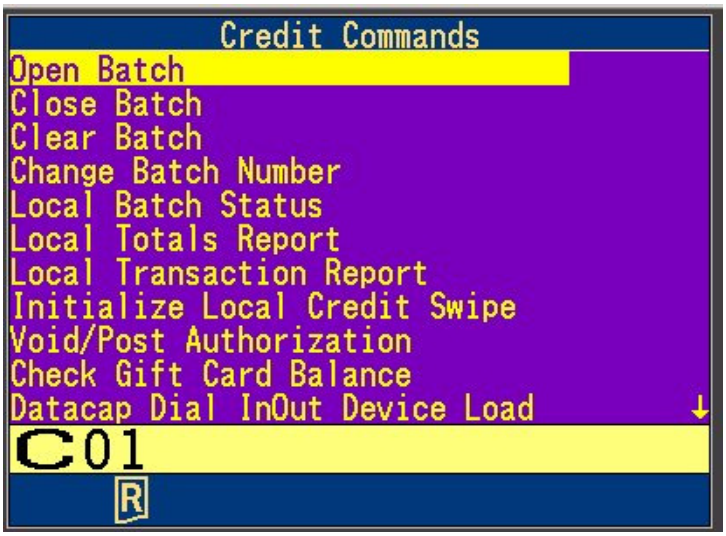



**1) Sign-on clerk, if necessary**

**2) Depress the X/Z Mode key twice**

**3) Depress the PAGE DOWN key to display the Credit Command selection**

**4) Highlight the option and depress YES**




➢**OPEN BATCH** – this option opens a credit card batch to start the day. In order to use credit cards with the DataCap a batch must be opened first.
➢**CLOSE BATCH** – This option will close the batch with the customer's processor at the end of the day. This option when run closes, then clears a batch and automatically opens a new batch.
➢**CLEAR BATCH** – this option clears a batch (all information in the batch will be erased).

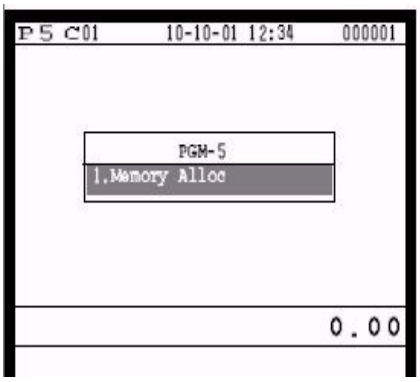
- **CHANGE BATCH NUMBER** – this option will allow a batch number to be changed.
- **LOCAL BATCH STATUS** – this option checks on status of the current batch.
- **LOCAL TRANSACTION REPORT** – this will print each transaction in the current batch.
- **INITIALIZE LOCAL CREDIT SWIPE** – this will initialize magnetic stripe reader used on the machine.
- **VOID/POST AUTHORIZATION** – this has a dual function, first it allows you to VOID a transaction in the batch file, secondly it allows you to input transactions that were post authorized (authorization that was done if the credit card system was down).
- **CHECK GIFT CARD BALANCE** – allows you to check the balance remaining a customer's gift card.
- **DATACAP DIAL IN/OUT DEVICE LOAD** – is a utility that sets the DataTran ML in a receive mode to accept a down load of new software settings from DataCap.

# QT-6000/6100/6600

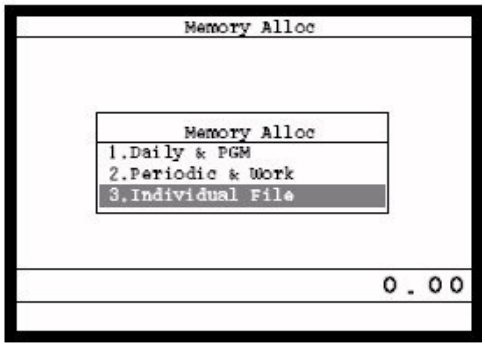
There are several steps required to setup the DataCap interface on the QT series in Program 5, 4 and 3. What follows are the required setup steps:

# Step 1

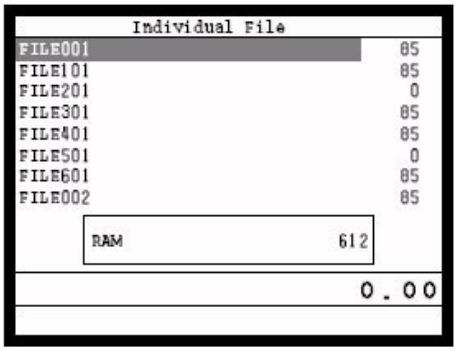
## PROGRAM 5




1. Sign on a clerk (if necessary).
2. Press the <MODE Key> and depress the PGM 5 key appearing on the menu screen on the bottom right hand corner.




Select "3. Individual File" and press the <YES> key




Select the file number you want to change and enter record number you want to allocate ("0" means file deletion). Press the <ESC> key to return to the previous menu.

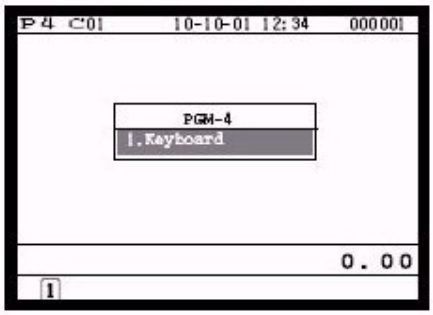
A) Depress the **PAGE DOWN** key several times until you reach the bottom of the file.
B) Locate and highlight **File 805**, enter 200 and depress the YES key.
C) Depress the **ESC** key twice to return to the PGM 5 menu.

# Step 2

## PROGRAM 4

### 3-1. Programming key allocation

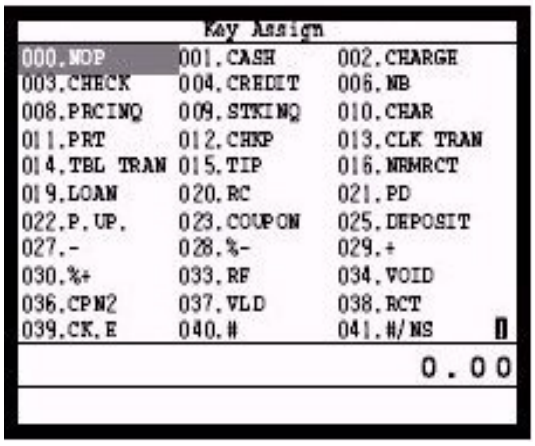
Operation:




1. Sign on a clerk (if necessary).
2. Press the <MODE Key> and depress the PGM 4 key appearing on the menu screen On the bottom right hand corner.
3. Or, if currently in PGM Mode enter 4 and Depress SUBTOTAL.

4. Press the <YES> key

5. Select "1. Key Assign" and press the <YES> key.




**6) Highlight an appropriate function (refer to the list of functions on the next page), press the <YES> and press the desired key on the keyboard.**
**Or, select an appropriate function by the function code (refer to Program 4 section of the Program manual for a complete list) and depress desired key.**
**Or, enter record number (4 digits) (refer to PGM 6 section of the Program manual to print out function file and record #) followed by the 3-digit function code and press the desired key.**

**7) Press the <ESC> key to return to the previous screen**

# Credit Card Related Function Keys

The finalize keys listed below can be used for online transaction processing. Below are the list of functions used for credit/debit/EBT/Food Stamp/Gift card transactions.

| Function Key | Function Code | Function Description |
|---|---|---|
| Charge | 002 | Tender Key |
| Check | 003 | Tender Key |
| Credit | 004 | Tender Key |
| #/Expiration | 253 | Manual entry of CC number |
| Charge Tip | 256 | Adding a tip amount to a finalized CC |
| Add Gift Card | 255 | Add a balance to existing Gift card |
| Issue Gift Card | 257 | Issue a new Gift Card |

**NOTE:** You can program as many tenders keys as you need on the keyboard to represent the various electronic tenders your customer might accept.

# Step 3

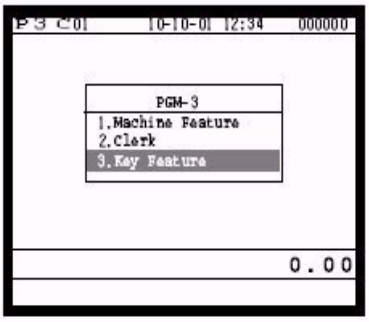
## PROGRAM 3

### Function Key Status Settings

The tender keys must be defined for credit, debit, gift or check. The following program sequence is the procedure to define the electronic tender keys.

**4-3. Programming key features**

**Preparation:**

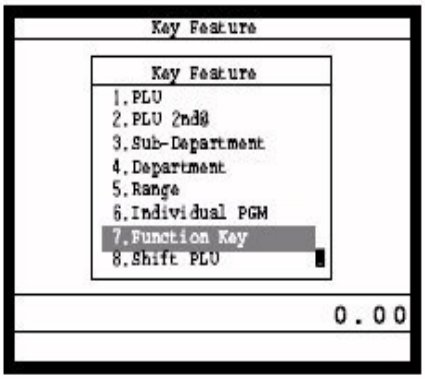



1. Sign on a clerk (if necessary).
2. Press the <MODE Key> and depress the PGM 3 key appearing on the menu screen On the bottom right hand corner.

3. Select "3 Key Features" and press the <YES> key

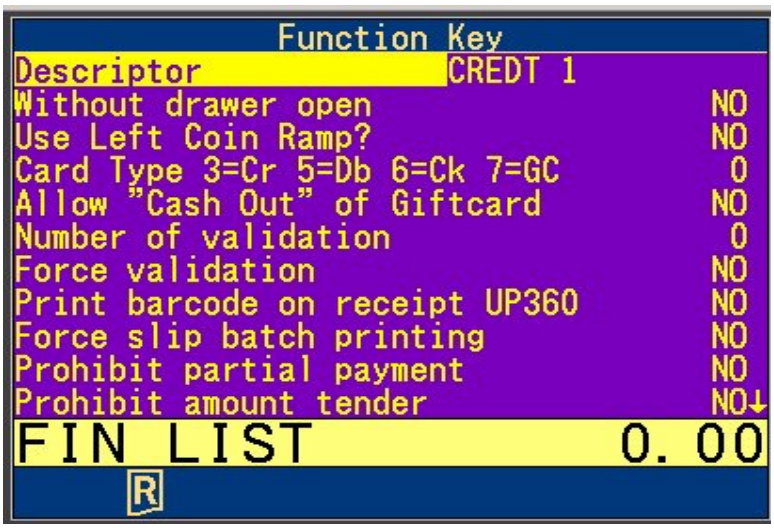
**4-3-7 Programming key function program**

**Operation**




4. Select "7. Function Key" and press the <YES> key.

8) Depress the finalize key (credit, check or charge) to program and the following screen will appear.


Function Key
Descriptor CREDT 1
Without drawer open NO
Use Left Coin Ramp? NO
Card Type 3=Cr 5=Db 6=Ck 7=GC 0
Allow "Cash Out" of Giftcard NO
Number of validation 0
Force validation NO
Print barcode on receipt UP360 NO
Force slip batch printing NO
Prohibit partial payment NO
Prohibit amount tender NO
FIN LIST 0.00
R

9) Depress the YES key when to DESCRIPTOR field is highlighted to assign a name (16 character max.) to this key (the descriptor programmed appears on reports and program print outs).
10) Using the DOWN ARROW key highlight the CARD TYPE field. This field is used to define the type of card, for DataCap purposes, that this key will represent. Enter the corresponding number below that represents the functionality of the key:

1 = EBT Food Stamp
2 = EBT Cash
3 = Credit
4 = Discover
5 = Debit
6 = Check Verification
7 = Gift Card

# Step 4

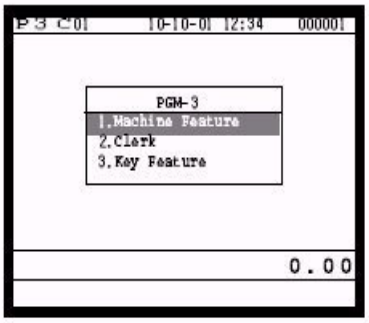
## Program 3

### Machine Features

There are 3 things that need to be done in the Machine Feature/General Feature area. The first is in I/O Parameters to define the services being utilized, second, lock out General Features from being broadcasted through the network in Auto Program Control and third in General Features is to define the Credit Master.

**4-1. Programming machine features**

**Preparation:**




1. Sign on a clerk (if necessary).
2. Press the <MODE Key> and depress the PGM 3 key appearing on the menu screen On the bottom right hand corner.

3. Select "1 Machine Features" and press the <YES> key

**4-1-12 Programming I/O parameter**

**Operation**

Note: Please perform the flag clear operation of the terminal after changing the I/O parameter table.

4. Select "12. I/O Parameter" and press the <YES> key.

**Eighth record DataCap PDC unit (0008-902)**

| Description | Choice | Program code |
|---|---|---|
| PDC unit program parameters | | D10 thru D1 |

In the **Eighth record** the following numbers should be programmed:

**Program Code** - 8000000**C**3 (no debit)
- 10000000**C**3 (with debit)
- 8100000**C**3 (gift card with no debit)
- 10100000**C**3 (gift card with debit)

**NOTE: C** = the COM port the **PDC** is connected to, either COM ports 2,3 or 4

**Seventeenth record (DataCap 162 ML/SL) (0017-902)**

| Description | Choice | Program code |
|---|---|---|
| ML/SL unit program parameters | | D10 thru D1 |

In the **Seventeenth record** the following numbers should be programmed:

**Program Code** - 8000000**C**3 (no debit)
- 10000000**C**3 (with debit)
- 8100000**C**3 (gift card with no debit)
- 10100000**C**3 (gift card with debit)

**NOTE: C** = the COM port the **ML/SL** is connected to, either COM ports 2,3 or 4

If you have installed the Casio QT6046MCR magnetic card reader for the purpose of swiping electronic payment cards (credit, debit & gift) you need to program this record.

**Twelfth record (Magnetic card reader) (0012-902)**

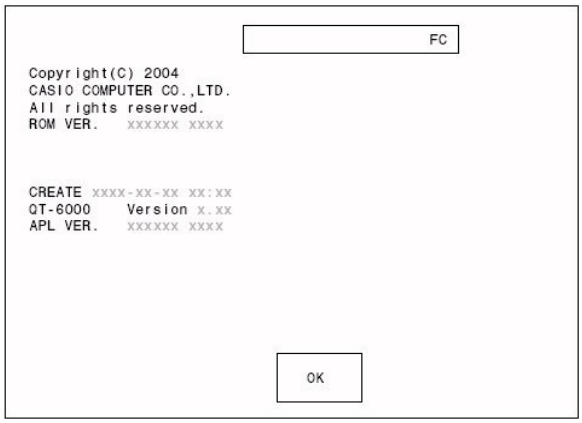
| Description | Choice | Program code |
|---|---|---|
| Use magnetic card reader | Yes = 1<br>No = 0 | ☐ $D_1$ |

**NOTE:** When using the Casio card swipe, Record #8 for the DataCap PDC unit must have the same numerical string as Record #17.

**Also, please perform a Flag Clear after making changes to I/O Parameters. The Flag Clear operation sequence is on the following page.**

## FLAG CLEAR OPERATION on QT series:

1) Turn off the machine (power switch located on the left hand side of the machine behind the operator display – see Fig 1 below for reference)
2) Hold down the DISPLAY ON/OFF button located on the bottom right hand front side of the QT-6000 (refer to Fig 2 below for reference) and turn the power ON
3) Release the DISPLAY ON/OFF key once the following display comes ON




4) Depress the OK button
5) When the FLAG CLEAR screen option appears, depress YES to complete Flag Clear operation

**Power switch**

Main power switch is located in the power switch cover.

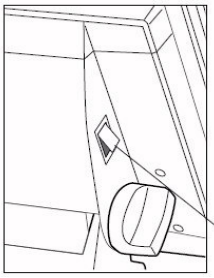
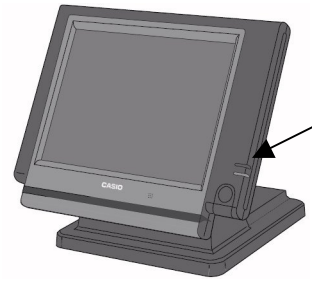



**Fig 1**

**Fig 2**



**Display ON/OFF Button**

# Step 5

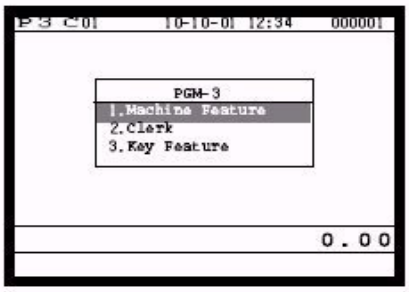
## Auto Program Control

It is strongly recommended that this file be programmed to lock out the **General Features** file from being sent and received between machines if **Auto Program Broadcasting** is turned ON and if a complete program download is sent (under the **Communication** selection in **General Features**). **Auto Program Control** gives you the ability to lock out particular from being sent between machines.

The reason for this suggestion is the Credit Master has a feature activated that other machine's in the system do not. When this Credit Master feature is sent to other machines in the system it will create a conflict on the network when electronic payment transactions are performed.

### 4-1. Programming machine features

**Preparation:**



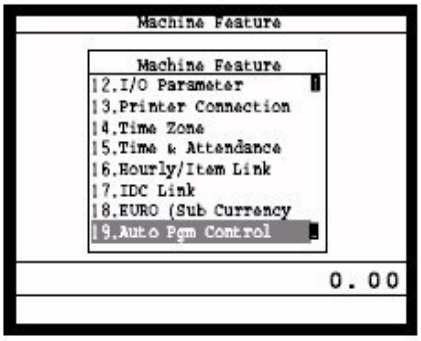

1. Sign on a clerk (if necessary).
2. Press the <MODE Key> and depress the PGM 3 key appearing on the menu screen On the bottom right hand corner.

3. Select "1 Machine Features" and press the <YES> key

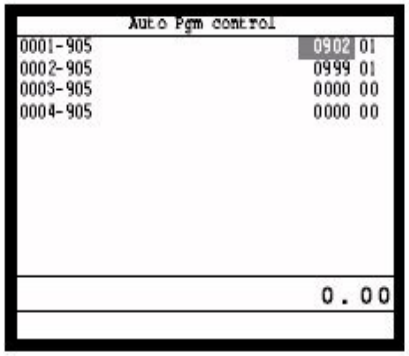
### 4-1-19 Programming auto program control

This program restricts the broadcasting / receiving feature after programming.

**Operation**




4. Select "19. Auto Pgm control" and press the <YES> key.




5. Select an appropriate record, and enter the program code.
6. Press the <ESC> key to return to the previous menu.

**Worksheet for Auto program control program**

| Description | Choice | Program code |
|---|---|---|
| File No. | Significant numbers | ☐ ☐ ☐ ☐ $D_6$ $D_5$ $D_4$ $D_3$ |
| Broadcast this file (designated by $D_6 \sim D_3$) only. | No = 0<br>Yes = 1 | ☐ $D_2$ |
| Ignore to receive this file (designated by $D_6 \sim D_3$). | No = 0<br>Yes = 1 | ☐ $D_1$ |

To program the General Feature files not to be sent or received follow the steps below:

d) Move the cursor, using the Down Arrow key, to the next available blank line
e) Enter **022** and hit the YES key, (the file number is found in the Memory Allocation section of the Program Manual – 022 = General Control)
f) The cursor will move to the 2nd column enter **01** to have this file not to be received or sent.

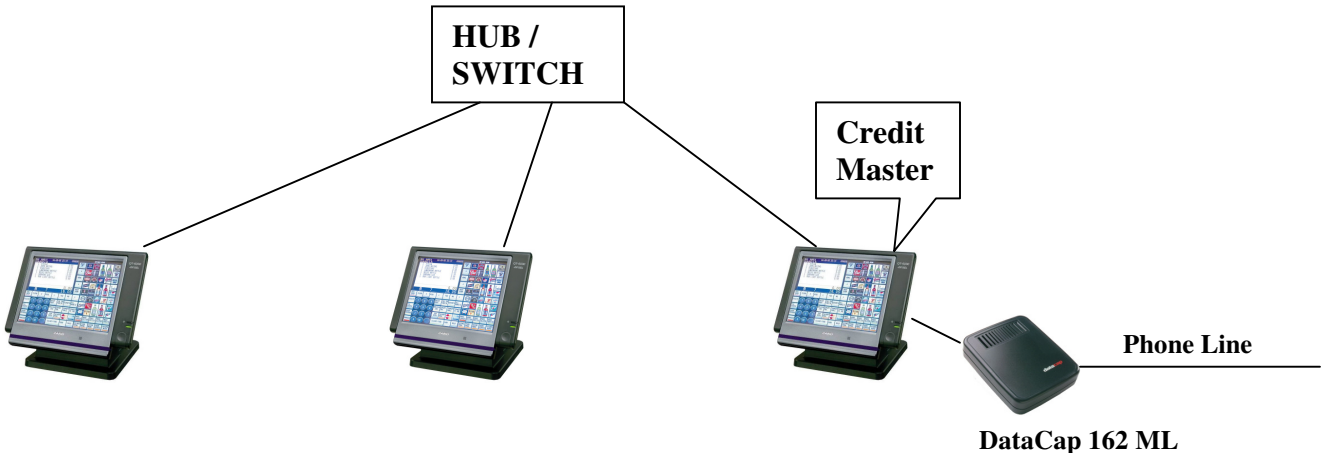
# Step 6

## Communications

The **Communication** file is found under **General Features**. In this file is the setting to tell a particular terminal in the system that it is the **Credit Master.** The Credit Master is the terminal that has the DataCap 162 ML/SL connected to it. When a electronic payment transaction is performed on a terminal in the system the payment transaction is sent to the Credit Master which in turn sends the request to the DataCap device connected to it. When the request returns from the processor via DataCap the Credit Master sends the transaction to the terminal that originally sent the request for finalization.

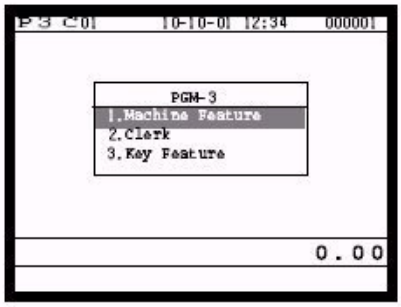
**NOTE: There can only be 1 Credit Master in the system.**

## Sample Configuration:



## 4-1. Programming machine features

**Preparation:**

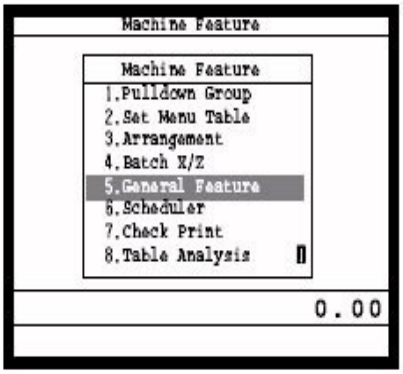



1. Sign on a clerk (if necessary).
2. Press the <MODE Key> and depress the PGM 3 key appearing on the menu screen On the bottom right hand corner.

3. Select "1 Machine Features" and press the <YES> key

## 4-1-5 Programming the general feature

**Operation**



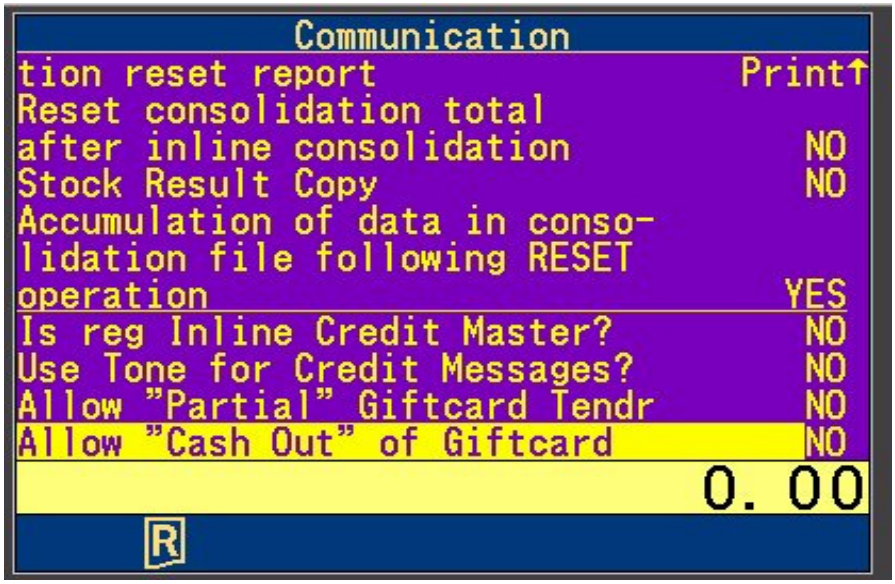

4. Select "5. General Feature" and press the <YES> key.

## 4-1-5-8 Programming the communication

**Operation**

5. Select "8. Communication" and press the <YES> key.

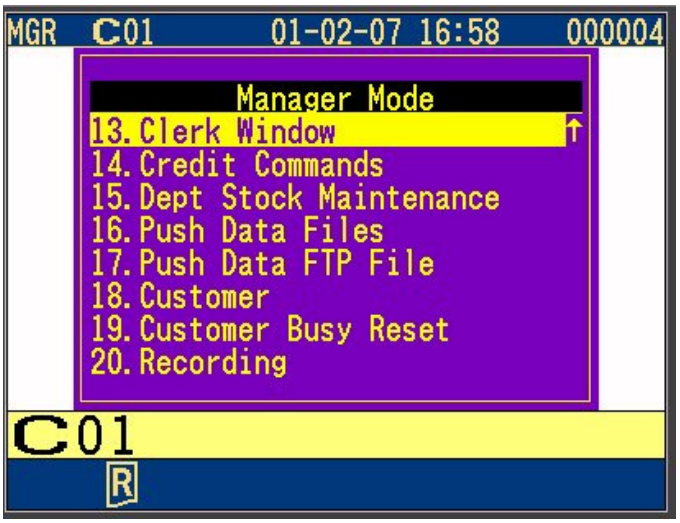
After selecting **COMMUNICATION** from the screen above depress the **PAGE DOWN** key twice for the next display to appear.




Using the ARROW key highlight the "**IS REG INLINE CREDIT MASTER**" line and depress YES (**only** on the machine that has the DataCap ML/SL connected to it).

# Credit Card Reports

There is an option on the Manager Mode screen called Credit Commands that has all the options related to Credit card transactions that include Reports, Opening, Clearing & Closing Batches and other options discussed below.



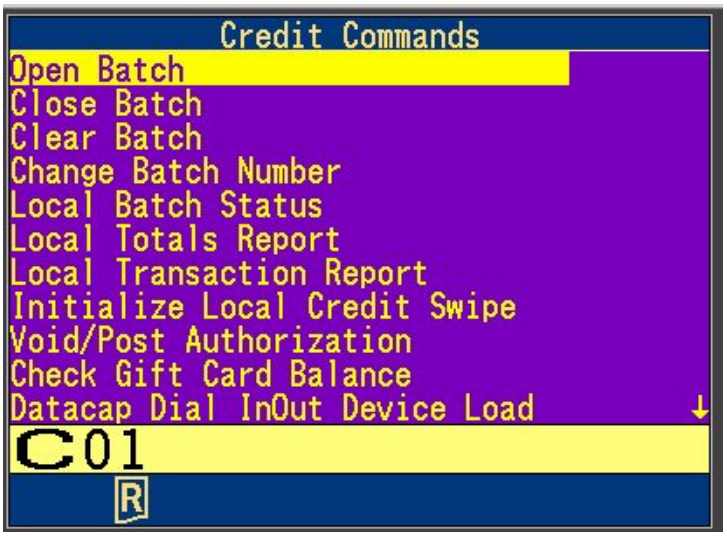

**1) Sign-on clerk, if necessary**

**2) Press the Mode key**

**3) Press the MANAGER key appearing to the right in the Menu area**

**4) Depress the PAGE DOWN key to display the Credit Command selection**

**5) Highlight the option and depress YES**




➢**OPEN BATCH** – this option opens a credit card batch to start the day. In order to use credit cards with the DataCap a batch must be opened first.

➢**CLOSE BATCH** – This option will close the batch with the customer's processor at the end of the day. This option when run will close, then clear the batch and automatically opens a new batch.

➢**CLEAR BATCH** – this option will clear all information in a batch (be careful when running this option since all data will be cleared and no ability to recover cleared data).

➢**CHANGE BATCH NUMBER** – this option will allow a batch number to be changed.

➢**LOCAL BATCH STATUS** – this option checks on status of the current batch.

➢**LOCAL TRANSACTION REPORT** – this will print each transaction in the current batch.

➢**INITIALIZE LOCAL CREDIT SWIPE** – this will initialize magnetic stripe reader used on the machine.

➢**VOID/POST AUTHORIZATION** – this has a dual function, first it allows you to VOID a transaction in the batch file, secondly it allows you to input transactions that were post authorized (authorization that was done if the credit card system was down).

➢**CHECK GIFT CARD BALANCE** – allows you to check the balance remaining a customer's gift card.

➢**DATACAP DIAL IN/OUT DEVICE LOAD** – is a utility that sets the DataTran ML in a receive mode to accept a down load of new software settings from DataCap.